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IS 6095 (1971): Cans for 35 mm Motion Picture Films [MED
32: Photographic Equipment]



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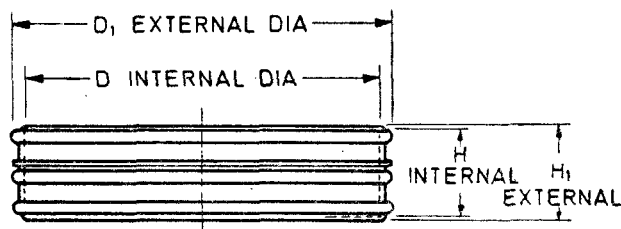


Indian Standard

SPECIFICATION FOR CANS FOR 35 mm MOTION PICTURE FILMS

1. Scope—Dimensional and other requirements for cans used for storage and transit of 35 mm motion picture films of 300 and 600 m capacity.

2. Dimensions—As shown in Fig. 1.



Can Size	Capacity of Film m	External Dimensions		Internal Dimensions	
		D_1 dia Max mm	H_1 Max mm	D dia Min mm	H Min mm
1	300	285	46	265	40
2	600	390	46	380	40

FIG. 1 DIMENSIONS FOR CANS

3. Material—Materials of corrosion-resistant type or those treated to corrosion; it shall be made either:

- of not less than 0.3 mm steel, with ribs and rolled edges of dimensions given in Fig. 1; or
- of a non-corrosive alloy or using a different form of construction, provided that the remaining requirements of this standard are met and that the cans are of equivalent rigidity, elasticity and strength to those of cans conforming to 3(a) and to Fig. 1.

4. Workmanship and Finish

4.1 The cans shall be of metal construction circular and seamless, and shall have a slip lid which is an easy fit over the body to form a closed container.

4.2 Both lid and body may be suitably embossed or ribbed to provide adequate strength and rigidity. The lips of the lids and bodies shall be folded to produce a 'safe' edge.

4.3 The sides of both lid and body shall each have a single protruding bead to give a fingerhold when the can is being opened.

4.4 The lid shall be incapable of being fitted over the base of the body.

4.5 The lid shall be provided with a central flat area not larger than 120 mm diameter, devoid of embossing, for receiving an adhesive label.

Note—To obviate the possibility of contradictory labelling on both parts of a can it is recommended that only the lid shall be provided with this central flat area, whilst the body should be centrally embossed to discourage the fixing of labels.

4.6 The materials and protective treatments used in the manufacture of the cans shall not be detrimental to the film, whether processed or unprocessed or to any applied magnetic coating.

4.7 All cans shall be free from burrs and sharp edges that could injure the user or cause damage to the film.

Adopted 21 April 1971

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Price Rs 3.00

INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 1

Revised Rs 5-00

5. Tests

5.1 Visual Examination and Dimensional Check-up—Examine visually and check for the dimensions specified in the standard. The can surfaces and mounting surfaces shall be free from voids, nicks, scratches and other surface imperfections. Surface imperfections which do not fall within an area of a circle of 1.5 mm diameter, and surface imperfections, such as scratches, which exceed 12.5 mm in length shall be considered of a size to constitute rejection.

5.2 Drop Resistance—Drop a fully-loaded can through a vertical distance of 1.5 m above a concrete floor to strike on edge. The can shall not exhibit any splitting, cracking or chipping.

5.3 Corrosion Resistance—As given in Appendix A of IS: 5674-1970 'Specification for 16 mm projector spools'.

6. Marking

6.1 Each can shall be marked legibly and indelibly with the name and/or code number of manufacturer, and the country of manufacture.

6.2 ISI Certification Marking—Details available from the Indian Standards Institution, New Delhi 1.